

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Boright et al.

Attorney Docket No. BING-1-1037

Serial No.: 10/720,290

Group Art Unit: Not yet assigned

Filing Date: November 24, 2003

Examiner: Not yet assigned

Title: CLOUD COVER ASSESSMENT: VNIR – SWIR

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sirs:

Pursuant to 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information related to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

Copies of references listed on the attached Form PTO-1449 are enclosed herewith, along with a return receipt postcard.

Respectfully submitted,

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MAIL CERTIFICATE

I hereby certify that this communication is being deposited with the United States Postal Service via first class mail under 37 C.F.R. § 1.08 on the date indicated below addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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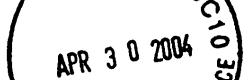
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 INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				Application Number	10/720,290
				Filing Date	November 24, 2003
				First Named Inventor	Arthur L. Boright
				Group Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
Sheet	1	of	2	Attorney Docket Number	
BING-1-1037					

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1.	4,465,940		Graff et al.	08-14-1984
	2.	4,921,349		Richards	05-01-1990
	3.	5,075,856		Kneizys et al.	12-24-1991
	4.	5,088,833	A	Tsang et al.	02-18-1992
	5.	6,531,701	B2	Chou et al.	03-11-2003

FOREIGN PATENT DOCUMENTS

*EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1. Applicant's unique citation designation number (optional). 2. See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6. Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22315-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22315-1450.

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				Group Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket Number	BING-1-1037

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	6.	Ackerman, S. A., et al., "Discriminating Clear Sky From Clouds With MODIS," Journal of Geophysical Research, December 27, 1998, Vol. 103, No. D24, pp. 32,141-32,157.	
	7.	Chen S. S., "Landsat 7 Automatic Cloud Cover Assessment, R.R. Irish, in Algorithms for Multispectral, Hyperspectral, and Ultraspectral Imagery VI," M.R. Descour, Editors, Proceedings of SPIE, 2000, Vol. 4049, pp. 348-355.	
	8.	Diner, D. J., et al., "Earth Observing System Multi-angle Imaging Spectro-Radiometer(MISR) Level 1 Cloud Detection Algorithm Theoretical Basis," Jet Propulsion Laboratory, California Institute of Technology, December 7, 1999, Vol. D-13397, Rev. B, pp 1-38.	
	9.	Gao, B-C., et al. "Correction of Thin Cirrus Path Radiances in the 0.4-1.0 μ m Spectral Region Using the Sensitive 1.375 μ m Cirrus Detecting Channel," Journal of Geophysical Research, December 27, 1998, Vol. 103, No. D24, pp. 32,169-32,176.	
	10.	Goodman, A. H. and Henderson-Sellers, A., "Cloud Detection and Analysis: A Review of Recent Progress," Atmospheric Research, 1988, Vol. 21, Nos. 3-4, pp. 229-240.	
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	12.	King, M. D., et al., "Discriminating Heavy Aerosol, Clouds, and Fires During SCAR-B: Application of Airborne Multispectral MAS Data," Journal of Geophysical Research, December 27, 1998, Vol. 103, No. D24, pp. 31,989-31,999.	
	13.	Logar, A., et al., "A Hybrid Histogram/Neural Network Classifier for Creating Global Cloud Masks," International Journal of Remote Sensing, 1997, Vol. 18, No. 4, pp. 847-869.	
	14.	Logar, A. M., et al., "The ASTER Polar Cloud Mask,: IEEE Transactions of Geoscience and Remote Sensing, July 1998, Vol. 36, No. 4, pp. 1302-1312.	
	15.	Rossow, W. B., et al., "Global, Seasonal Cloud Variations from Satellite Radiance Measurements. Part I: Sensitivity of Analysis," Journal of Climate, May 1989, Vol. 2, pp. 419-460.	
	16.	Rossow, W. B., et al., "ISCCP Cloud Algorithm Intercomparison," Journal of Climate and Applied Meterology, September 1985, Vol. 24, No. 9, pp. 877-903.	
	17.	Rossow, W. B., "Measuring Cloud Properties from Space: A Review," Journal of Climate, March 1989, Vol. 2, pp. 201-215.	
	18.	Sèze, G., et al., "Cloud Cover Observed Simultaneously from POLDER and METEOSAT," Physics and Chemistry of the Earth Part B: Hydrology, Oceans and Atmosphere, 1999, Vol. 24, No. 8, pp. 921-926.	
	19.	Vermote, E. F., et al., "A SeaWiFS Global Monthly Coarse-Resolution Reflectance Dataset," International Journal of Remote Sensing, 2001, Vol. 22, No. 6, pp. 1151-1158.	
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1. Applicant's unique citation designation number (optional). 2. Applicant is to place a check mark here if English language Translation is attached.

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